

DERWENT-ACC-NO: 1987-176694

DERWENT-WEEK: 198725

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Water wave-operated power generator - has floats connected by cable round pulleys which move roller to and fro on elastic pipe

INVENTOR: PROKOPOV, O I

PATENT-ASSIGNEE: BASHKIR AGRIC INST[BASHR]

PRIORITY-DATA: 1985SU-3912908 (June 18, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
SU 1268789 A	November 7, 1986	N/A	002
N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	
APPL-DATE			
SU 1268789A	N/A	1985SU-3912908	June 18,
1985			

INT-CL (IPC): E03B013/12

ABSTRACTED-PUB-NO: SU 1268789A

BASIC-ABSTRACT:

The generator consists of a support which is submerged below the level of the water and has on it an horizontal elastic pipe, a roller in contact with the pipe, and a wave energy converter.

The generator is equipped with floats (5), connected by a cable and pulleys to the roller, which is able to move to and fro on the elastic pipe. The roller can be in the form of a drum which interacts with the cable and has gears on its ends meshing with toothed racks on the support. It can also have end journals which travel along horizontal guides (18). As the floats move up and down they make the roller travel to and fro over the pipe, forcing liquid inside it to pass through the converter (4) and generate power.

ADVANTAGE - Increased capacity. Bul.41/7.11.86.

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: WATER WAVE OPERATE POWER GENERATOR  
FLOAT CONNECT CABLE ROUND  
PULLEY MOVE ROLL ELASTIC PIPE

DERWENT-CLASS: Q55 X15

EPI-CODES: X15-C01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1987-132547

